
STATE OF NORTH CAROLINA, DEPARTMENT OF ADMINISTRATION
DIVISION OF PURCHASE AND CONTRACT
AGENCY SPECIFIC TERM CONTRACT

Contract Title:	TRUCK MOUNTED ASPHALT PATCHER
Bid (Contract) Number:	201400209
Commodity Code:	755-10
Effective Dates:	April 23, 2014 through April 22, 2017-Non-Renewable
P&C Administrator:	Bahaa Jizi
Phone:	919-807-4520
E-Mail:	Bahaa.jizi@doa.nc.gov
Last Updated:	

Items on Contract

Product Description	Price/UOM	Contractor
See Attached Specifications		

Contractor

Contractor Information	
Company	Public Works Equipment & Supply
Address	4519 Old Charlotte Highway
City, State, Zip	Monroe, NC 28110
URL	
Contractor Contact	
Name	Larry Davis
Phone	800-222-6803 (704) 289-6488
E-Mail	ldavis@pweasi.com

Taxes

Prices shown do not include North Carolina sales or use taxes.

Delivery

The contractor will complete delivery within **15 consecutive calendar days** after receipt of purchase order. Prices listed in this contract include transportation charges to this specific location. If you should require delivery to another location in the state, please contact the vendor to see if there may be any add-on or deduct for your particular location.

Transportation Charges

All goods shall be delivered FOB DESTINATION. Prices herein include shipping.

Warranty

The contractor guarantees items to be free from any and all defects in material, packaging, and workmanship and agrees to replace and/or repair defective items promptly at no charge to the State, for the period as stated in the mfg. standard warranty from date of acceptance. This statement is not intended to limit any additional coverage which may normally be associated with a product.

Extended Warranty Yes, see attachedDrive Train Extended Warranty Yes, see attachedCompleted By Larry J. DavisTitle PresidentDate 03/27/14Telephone Number 800-222-6803Fax Number 704-283-2266**FURNISH AND DELIVER:**

Truck mounted asphalt pothole patchers will be furnished in accordance with the attached specifications & questionnaire. Units shall be furnished with the published standard equipment whether specified or not.

SPECIAL NOTE:

The delivery schedule for DOT items will be finalized with the successful bidder after a purchase order is issued and received.

Item	Description/Configuration	Quantity	Unit Price	Extended Price
1.	Crew cab truck, automatic transmission with mounted pothole patcher with a total electric heat system.	1	\$ 152,714.97	\$ 152,714.97
1a.	Crew cab truck, manual transmission with mounted pothole patcher with a total electric heat system.	1	\$ 150,117.74	\$ 150,117.74
2.	Crew cab truck, automatic transmission with mounted pothole patcher with a propane fired dry radiant heat system.	1	\$ 149,201.51	\$ 149,201.51
2a.	Crew cab truck, manual transmission with mounted pothole patcher with a propane fired dry radiant heat system.	1	\$ 146,604.28	\$ 146,604.28
3.	Crew cab truck, automatic transmission with mounted pothole patcher with a propane fired transfer oil heat system.	1	\$ 152,533.15	\$ 152,533.15
3a.	Crew cab truck, manual transmission with mounted pothole patcher with a propane fired transfer oil heat system.	1	\$ 149,935.92	\$ 149,935.92

TOTAL BID AMOUNT: \$ 901,107.57**For Information Only:**

The bidder is requested to furnish the following information for the DMV licensing process.

Cost of cab and chassis with automatic transmission: 75,136.66

Cost of cab and chassis with manual transmission: 72,539.43

*NOTE: DIESEL FIRED UNITS ARE ALSO AVAILABLE IN DRY HEAT OR HEAT TRANSFER OIL UNITS.
ADD \$1,765.00 FOR THIS OPTION IN LIEU OF LP GAS FIRED.

June 7, 2010

TRUCK MOUNTED ASPHALT POTHOLE PATCHER

SCOPE:

The intent of this specification is to describe for purchase the minimum requirements acceptable for Truck Mounted Asphalt Pothole Patchers designed for highway maintenance work. The model bid shall be a currently advertised production model and meet all applicable standards and/or regulations of Federal DOT, SAE, OSHA, FMVSS and NCDMV in effect at time of delivery. The unit furnished shall include all necessary devices to accomplish the following functions: pavement cutting, chipping, drying, tamping or compacting, sealing, tacking, heating, and the dispensing of hot emulsified asphalt. The truck mounted unit shall be complete and ready to work with all standard equipment furnished whether specified or not. The bidder is requested to furnish two copies of the manufacture's current literature of the model bid with the bid proposal.

Make of truck: International
Truck model: 7300 SFA 4x2
Model year: 2015
Years in production: Since 2000

Make of patcher: PRO-PATCH
Patcher model: TCM 425-140 AEE ALL ELECTRIC
Model year: 2014
Years in production: 12

ASPHALT POTHOLE PATCHER REQUIREMENTS

GENERAL:

The truck mounted unitized asphalt patching machine shall be capable of making effective and permanent asphalt repairs under various weather conditions. The design shall allow the machine to transport hot or cold asphalt pre-mix material and tack oil at controlled heated temperatures. The hydraulic system as a minimum shall provide power to operate the machine's jackhammer, screw conveyor, oil pumps, asphalt agitator and hopper doors.

ASPHALT HOPPER:

REQUIREMENTS	OFFERED
a. Minimum 4.25 cubic yard capacity	Capacity: 4.25 CY
b. Hopper design and construction to be manufacture's standard.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
c. Insulated with industrial high temperature R factor rated insulation.	Rating factor: R12
d. Hopper design encases insulation.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
e. Covered with two hydraulically powered steel doors of double wall construction with a minimum of 2" of insulation.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
f. Doors to include as needed for protection rain seal caps, self cleaning and self sealing edges and flex plates to keep asphalt out of door hinges.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
g. Hopper design to include a lockable tool storage compartment.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
h. Interior of hopper designed to prevent bridging or equipped with a hydraulically powered agitator to prevent bridging. 10 FT LONG 12 SPIKE AGITATOR SCHEDULE 80 SHAFT	Bridging is prevented by: Type of system: HYDRAULIC PROGRESSIVE
i. Material is moved to the rear of the unit for dispensing per the manufacture's standard system. 10 FT LONG X 6" DIAMETER AUGER	

j. Material is dispensed into pothole through pivoting chute.

Yes ☒ No ☐

k. Furnish range that dispensing chute pivots right and left.

Degree of pivot: 120

SPOILS BIN:

a. A minimum of two spoils bins.

Yes ☒ No ☐b. Designed and located per manufactures advertised standard.
ONE REAR DRIVER SIDE

Location: ONE FRONT CURB SIDE,

c. GRAVITY DUMP

Discharge through gravity or hydraulically operated dump doors.

Type doors: N/A

d.

Capacity of each bin: .52 CY & .75 CY

Total: 1.27 CY

HEATING SYSTEM:

Heating system to be furnished as required under "Furnish & Delivery". This bid covers three different types of heating systems; total electric heat system design, propane or diesel fired dry radiant heat chamber design; propane or diesel fired heating of heat transfer oil heat chamber design.

a. Heating system to be thermostatically controlled.

Yes ☒ No ☐

b. Thermostat to have a minimum range of 0° to 300°.

Yes ☒ No ☐

c. System to have at least one thermometer; digital or dial type.

Type: BOTH

d. Thermometer range covers highest heating temperature.

Range:
300° F

e. Propane and diesel fired system design shall prohibit flame from coming into direct contact with asphalt material.

NA ☒ Yes ☐ No ☐

f. Propane and diesel burners shall ignite automatically and have safety shut off in case of flame out condition.

NA ☒ Yes ☐ No ☐

g. Propane units to have a quick fill connector, regulator and fuel level sight gauge.

NA ☒ Yes ☐ No ☐

h. Fuel supply tank to provide enough fuel for a 10 hour shift.

NA ☒ Yes ☐ No ☐

i. Electric system to have on board AC generator that is operable at all times while the engine is running.

NA ☐ Yes ☒ No ☐

j. Electric system furnished with ground fault interrupt breaker(s).

NA ☐ Yes ☒ No ☐

l. All units to be furnished with a thermostatically controlled electric overnight heating system.

Yes ☒ No ☐

j. Overnight heating system to be single phase, minimum 230 volt.

Yes ☒ No ☐

k. Overnight heating system furnished with a minimum 25' long cord with plug.

Yes ☒ No ☐

l. Heating system supplied complete including applicable safety equipment standard to the industry, OSHA and SAE.

Yes ☒ No ☐**EMULSION STORAGE TANK:**

- | | | |
|---|---|-----------------------------|
| a. Minimum 120 gallon tank built and mounted per manufacture standard. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| b. As a minimum tank to be double wall construction with insulation. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| c. Thermostatically controlled heating system for working hours and after hours to maintain safe temperature of product. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| d. Furnish a digital or dial type thermometer. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| e. Emulsion system to have the necessary hydraulically operated pump(s), valve(s), and control(s) for dispensing product. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| f. Emulsion to dispense through a minimum 5' spray wand with a fan nozzle. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| g. Spray wand to have cold handle type grips. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| h. Spray wand to have a "dead man" type control valve. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| i. Hose rated for use with hot emulsion to be 1/2" diameter x 12' length minimum. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| j. Spray wand storage to have drip pan for waste emulsion. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

HYDRAULIC SYSTEM:

- | | |
|---|---|
| a. Manufacture recommended reservoir capacity. | Capacity: <u>30</u> gal. |
| b. Reservoir as a minimum to include oil level sight gauge, vented fill cap, shut-off valve on suction line. | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| c. Appropriately rated filter on supply and return side of system. | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| d. System furnished and designed with appropriate flow and pressure ratings to operate applicable equipment which may include as a minimum; conveyor, agitator, doors, emulsion pump and tool circuits. | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| e. Furnish make of hydraulic pump: <u>FORCE AMERICA</u> | Pump model: <u>FASD34-L</u> |
| f. Rated GPM: <u>CRANKSHAFT DRIVEN LOAD SENSE</u> | Rated PSI: <u>2200 @ 900 RPM</u> |
| g. Transmission mounted PTO with cab controls. | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| h. Dash mounted light to indicate engagement of PTO. | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| i. Tool circuit complete with necessary hardware including as a minimum relief valve and pressure gauge and throttle control if required. | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| j. Is throttle control for tool circuit required and furnished if required? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| k. Operator controls to be located at rear of body; preferable at right rear. Furnish location: <u>RIGHT REAR</u> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

WASH DOWN SYSTEM:

- a. Wash down system to include as a minimum storage tank, pump, hose and spray wand. Yes ☒ No ☐
- b. Wash down system to be compatible with environmental friendly asphalt removers such as terpene blend and citrus blend. Yes ☒ No ☐
FORM OIL, OR BIOSLIDE IS 100% BIODEGRADABLE AND WILL NOT HARM ELECTRIC PUMP
- c. Use of diesel fuel as a wash down fluid is not acceptable.

HAND TORCH:

- a. Propane hand torch for use with pothole repairs to be furnished. Yes ☒ No ☐
- b. Furnish a separate dedicated tank of a minimum 20 lb. If not a propane fired heating system. NA ☐ Yes ☒ No ☐
- c. Hand torch system to be complete ready for use including such item as shut off valve(s), regulator, and 15' of hose minimum. Yes ☒ No ☐
- d. Hand torch to have a secure storage area when not in use. Yes ☒ No ☐

HYDRAULIC BREAKER:

- a. Furnish a minimum 67 lb. class hydraulic powered pavement breaker. Yes ☒ No ☐
- b. Make of breaker: STANLEY Model: BR 67
- c. Furnish a 5" asphalt cutter. Yes ☒ No ☐
- d. Furnish a 6" tamping shoe and detachable shank. Yes ☒ No ☐
- e. Hydraulic couplers to the flush face non-spill type. Yes ☒ No ☐
- f. Secure storage areas for breaker and attachments. Yes ☒ No ☐
- g. A minimum of 25' of appropriately sized and rated hose. Hose length: 25 FT DUAL HOSE
- h. Hose storage to be on a self-winding hose reel. Yes ☒ No ☐

VIBRATORY PLATE COMPACTOR:

- a. Vibratory type plate compactor with a gasoline engine. Yes ☒ No ☐
- b. Make of compactor: WACKER Model: WP1550AW
- c. Minimum plate size of 17.5" X 21.5" Plate size: 19.5X23"
- d. Minimum centrifugal force of 2,700 lbs. Centrifugal force: 3375
- e. Storage and transport location at rear of patcher. Yes ☒ No ☐
- f. Storage platform to raise and lower hydraulically to assist with loading and unloading. Yes ☒ No ☐
- g. Platform to have a positive lock in the up position, cab-mounted light to alert operator when platform is down and operator controls located near the platform. Yes ☒ No ☐

DIRECTIONAL ARROW BOARD:

- a. Furnish a directional arrow board facing to the rear with a minimum of 10 lights. Yes ☒ No ☐
- b. Make of arrow board: Superior Signals Model of board: Able 2 LED
- c. As a minimum the display shall be arrow right, arrow left, double arrow and caution mode with 4 lights flashing. Yes ☒ No ☐
- d. Controls for all functions to be mounted inside the truck cab. Yes ☒ No ☐

CAB AND CHASSIS REQUIREMENTS

GVW:

The gross vehicle weight rating must be appropriate to support a maximum loaded pothole patcher unit and meet Federal and North Carolina Highway weight regulations. The GVWR should meet the requirements of both the chassis supplier and the manufacture of the pothole patcher. As a minimum the chassis gross vehicle weight rating shall not be less than 33,000 lbs.

- REQUIREMENTS
- a. GWR OFFERED 33,000 lbs.
- b. Weight of cab and chassis. AUTOMATIC 11,984 lbs
MANUAL 12,091 lbs

WHEELBASE

The appropriate wheelbase and cab to axle for load distribution and meeting Federal and North Carolina Highway regulations shall be furnished.

- a. Wheelbase dimension for conventional cab. N/A SPEC REQUESTED CREWCAB
- b. Cab to axle dimension for conventional cab. N/A SPEC REQUESTED CREWCAB
- c. Wheelbase dimension for crew cab. 264" WITH Set FWD Axle.
- d. Cab to axle dimension for crew cab. 145"

FRAME:

The frame furnished shall have the appropriate rating for the weight of the patcher at maximum load. The truck manufacturer shall work with the pothole patcher manufacturer on length of frame rails and location of air tanks, battery location and other accessory equipment.

- a. Minimum resisting bending moment (RBM) of frame rail. 2,134,800 in/lbs.

SPRINGS AND SUSPENSION:

Front and rear suspension shall be appropriately rated for the GVWR furnished and for the load distribution of a maximum load. Rear springs shall have auxiliary leaf (or leaves) to provide additional stability.

- a. Rear springs have auxiliary leaf (or leaves). Yes ☒ No ☐
- b. Front spring capacity. 12,000 lbs.
- c. Rear spring capacity. 23,500 lbs.

FRONT AXLE:

The truck shall have the appropriate axle for the GVWR furnished and for the load distribution of a maximum load and equipped with front shocks.

- a. Front axle rated capacity. Yes ☒ No ☐
- b. Furnish front shock absorbers. Yes ☒ No ☐

REAR AXLE:

The truck shall have the appropriate single speed rear axle for the GVWR furnished and for the load distribution of a maximum load. The ratio is to match engine RPM and tire size to achieve highway speed (65MPH \pm 2 MPH) at maximum GVWR on level ground. Weight on rear axle can not exceed the maximum allowed by NC DMV weight regulations for single rear axle trucks.

- a. Rear axle capacity. 21,000 lbs.
- b. Axle ratio: 5.24 - AUTOMATIC TRANS Highway speed: 67 - 74 MPH
4.33 - MANUAL TRANS
- c. Differential to be filled with synthetic lubricant. Yes ☒ No ☐

BRAKES:

- a. Furnish as a minimum an ABS air brake system with "S" cams. Yes ☒ No ☐
- b. Desiccant type air dryer. Yes ☒ No ☐
- c. Make air dryer: MERITOR - WABCO Model: SYSTEM SAVER 1200
- d. Minimum 16" x 5" front shoes. Yes ☒ No ☐
- e. Minimum 16½" X 7" rear shoes. Yes ☒ No ☐
- f. Automatic slack adjuster on all axles. Yes ☒ No ☐
- g. Dust shield on all axles. Yes ☒ No ☐
- h. Parking brake system. Yes ☒ No ☐
- i. Minimum 13.2 cu. ft. air compressor. Yes ☒ No ☐
- j. Conforms to FMVSS in effect at time of production. Yes ☒ No ☐
- k. Outside of rail air tank drain pull (cable type). Yes ☒ No ☐

BATTERY & ALTERNATOR:

- a. Total battery rating of 1800 CCA (minimum) at 0° F. Yes ☒ No ☐
- b. Battery and cables comply with TMC 105. Yes ☒ No ☐
- c. Remote jump start terminals battery side mounted with color coded covers. Yes ☒ No ☐
- d. Battery box, hold down clamps and wires per manufacturer standard. Yes ☒ No ☐
- e. Non-keyed master electrical disconnect located on battery side. Yes ☒ No ☐
- f. Minimum alternator rating of 130 amp. Yes ☒ No ☐

g. Alternator make: LEECE-NEVILLE

Amp rating: 160 AMP

ENGINE:

a. Minimum inline six cylinder electronic diesel engine, SAE 1349 rated furnished.

Yes ☒ No ☐

b. Gross torque minimum 660 lbs./ft.

Torque: 660 lb-ft

c. Engine make: INTERNATIONAL

Engine model: MAXxForce DT

d. Horsepower rating: 245 HP

e. Engine torque rating to allow startability at maximum GVWR to start and climb 20% grade.

Yes ☒ No ☐

f. Minimum 2% gradeability at maximum GVWR at 55 MPH.

Yes ☒ No ☐

g. Maintain a top speed of 65 MPH at maximum GVWR on level ground. (± 2 mph)

Yes ☒ No ☐

h. Emission control system meets Federal & NC regulations in effect at time of delivery. (YES, WITH CREDITS)

Yes ☒ No ☐

☒ i. Bidder is requested to furnish a copy of the 2010 EPA certificate with the bid.

Yes ☒ No ☐

j. Furnish a 110V thermostatically controlled engine block heater.

Yes ☒ No ☐

k. Receptacle for block heater located on left side under driver's door.

Yes ☒ No ☐

l. Furnish a fuel/water separator filter.

Yes ☒ No ☐

m. Furnish a fuel filter.

Yes ☒ No ☐

n. Furnish an engine oil filter.

Yes ☒ No ☐

o. Engine compatible with B-20 bio-diesel fuel.

Yes ☒ No ☐

AIR CLEANER:

a. Manufactures standard air filtration system furnished as a minimum with dry type dual elements.

Yes ☒ No ☐

COOLING SYSTEM:

a. Manufactures standard system conforming to SAE J1393 as a minimum.

Yes ☒ No ☐

b. System filled with extended life coolant.

Yes ☒ No ☐

HORN(S):

a. Manufactures standard horn in accordance with SAE standards.

Yes ☒ No ☐

POWER STEERING:

a. Manufactures standard power steering system for GVWR offered.

Yes ☒ No ☐

HOOD:

- a. Tilt hood with fixed grill.

Yes ☒ No ☐

FRONT BUMPER:

- a. Furnish front bumper.

Yes ☒ No ☐

FUEL TANK:

- a. Single 50 gallon minimum aluminum tank.
b. Step type tank preferable mounted on driver's side.

Yes ☒ No ☐

Yes ☒ No ☐

EXHAUST:

- a. Vertical stack with turnout (rain cap not acceptable).
b. System to have a horizontal muffler.

Yes ☒ No ☐

Yes ☒ No ☐

CREW CAB STYLE CAB:

- a. Furnish manufactures standard full size crew cab design including unless otherwise listed advertised standard equipment.
b. Factory installed air conditioning, fresh air heat and defrost system.
c. Cab to include as a minimum cigar lighter and a 12 v power supply outlet.
d. Cruise control.
e. Front and rear cab access grab handles for each side with minimum two step entry and exit step.
f. Driver's seat to be air ride, high back, adjustable up, down, forward, back and tilt with lap and shoulder safety belt.
g. Front passenger seat to be high back, adjustable forward and back as a minimum and with lap and shoulder safety belt.
h. Rear seat to be a bench type seat with safety lap and shoulder belts for three passengers.
i. All glass to be tinted safety glass.
j. As a minimum cab to include an AM-FM radio.
k. Tilt steering wheel.
l. Windshield wipers with dual speed, intermittent speeds and dual washers.

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

Yes ☒ No ☐

GAUGES: Manufactures standard gauge package, including the following gauges as a minimum.

- a. Oil pressure
b. Coolant temperature

Yes ☒ No ☐

Yes ☒ No ☐

- | | | |
|---|---|-----------------------------|
| c. Volt meter or amp meter | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| d. Fuel | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| e. Air pressure | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| f. Tachometer | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| g. Engine Hour meter | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| h. Audible and visual alarm for high water temperature. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| i. Audible and visual alarm for oil pressure. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| j. Audible and visual alarm for low air pressure. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

MANUAL TRANSMISSION: (When required under "Furnish and Deliver")

- | | | |
|---|---|-----------------------------|
| a. Minimum six (6) speed. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| b. Eaton FS6406A or pre-approved equal. Properly matching engine and axle ratio. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| c. Synchronized to allow easy downshifting to lower gears without bringing vehicle to stop. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| d. Must accommodate PTO required by patcher. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| e. Filled with synthetic transmission lubricant. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| f. Minimum 14 inch two plate style clutch. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| g. Extended lube line for greasing release bearing. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| h. Transmission make: <u>FULLER</u> | Model: <u>FS-6406-N</u> | |

AUTOMATIC TRANSMISSION: (When required under "Furnish and Deliver")

- | | | |
|--|---|-----------------------------|
| a. Allison RDS Transmission or pre approved equal meeting chassis and patcher requirements. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| b. Dash mounted push pad shifter. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| c. Equipped with auto-neutral feature to be activated when parking brake is applied to command the transmission to neutral, regardless of range selection. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| d. Filled with synthetic transmission lubricant. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| e. Transmission make: <u>ALLISON</u> | Model: <u>2500 RDS</u> | |

MIRRORS:

- | | | |
|--|---|-----------------------------|
| a. Manufactures standard west coast type mirror. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| b. Both mirrors heated. | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| c. Right side mirror motorized, operable from driver's seat | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| d. Overall width from outside to outside of mirror not to exceed 110 inches. | Width: <u>110"</u> | |

WHEELS & TIRES:

- a. Manufacture standard color hub piloted steel disc type wheels. Yes ☒ No ☐
- b. 8 25 inch wheel used front and rear. Yes ☒ No ☐
- c. Wheels conform to Tire & Rim Association guidelines. Yes ☒ No ☐
- d. Minimum 11R22.5 radial tires with appropriate load range for GVWR. Yes ☒ No ☐
- f. Premium highway tread design front and rear. Yes ☒ No ☐
- g. Tire manufacturer: CONTINENTAL Tire tread pattern: HSR 2
- h. Tire load range: G (14ply)

LIGHTING:

- a. Manufacturer standard daytime running lights. Yes ☒ No ☐
- b. Headlight switch to override daytime running lights to operate all lights at full voltage. Yes ☒ No ☐
- c. Lights and reflectors to meet applicable requirements of FMVSS, SAE, NHTSA and NC DMV. Yes ☒ No ☐

WIRING:

- a. Wiring attached and protected in loom. Yes ☒ No ☐
- b. Chassis to provide weather proof connector(s) for applicable patcher connections. Yes ☒ No ☐

FIRE EXTINGUISHER:

- a. ABC rechargeable type with a minimum UL rating of 10 BC. Yes ☒ No ☐

SAFETY:

- a. Include the necessary equipment and accessories to meet the applicable requirements of the FMVSS and OSHA. Yes ☒ No ☐

INSPECTION STICKER:

- a. Each truck to have a completed Highway Safety inspection, either Federal or NC with appropriate paper work in each truck. Type: FEDERAL